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# METEOROLOGICAL JOURNAL,

KEPT AT THE APARTMENTS

OF THE

## ROYAL SOCIETY,

BY ORDER OF THE

## PRESIDENT AND COUNCIL.

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## METEOROLOGICAL JOURNAL

for January, 1815.

| 1815 | Time. |     | Therm.<br>without. | Therm.<br>within. | Barom.  | Hy-<br>gro-<br>me-<br>ter. | Winds.  |      | Weather. |
|------|-------|-----|--------------------|-------------------|---------|----------------------------|---------|------|----------|
|      | H.    | M.  | °                  | °                 | Inches. |                            | Points. | Str. |          |
| Jan. | 1     | 8 0 | 36                 | 47                | 30,20   | 76                         | W       | 1    | Hazy.    |
|      |       | 3 0 | 41                 | 48                | 30,29   | 72                         | NW      | 1    | Fine.    |
|      | 2     | 8 0 | 35                 | 46                | 30,46   | 78                         | N       | 1    | Foggy.   |
|      |       | 3 0 | 36                 | 48                | 30,47   | 77                         | NE      | 1    | Cloudy.  |
|      | 3     | 8 0 | 33                 | 47                | 30,45   | 69                         | E       | 1    | Cloudy.  |
|      |       | 3 0 | 35                 | 50                | 30,37   | 68                         | N       | 1    | Cloudy.  |
|      | 4     | 8 0 | 32                 | 45                | 30,21   | 68                         | E       | 1    | Cloudy.  |
|      |       | 3 0 | 34                 | 47                | 30,16   | 69                         | NE      | 1    | Cloudy.  |
|      | 5     | 8 0 | 31                 | 43                | 30,10   | 71                         | N       | 1    | Cloudy.  |
|      |       | 3 0 | 34                 | 47                | 30,11   | 71                         | NE      | 1    | Fine.    |
|      | 6     | 8 0 | 32                 | 43                | 30,07   | 70                         | NW      | 1    | Cloudy.  |
|      |       | 3 0 | 35                 | 47                | 30,07   | 69                         | E       | 1    | Cloudy.  |
|      | 7     | 8 0 | 29                 | 43                | 30,01   | 70                         | E       | 1    | Cloudy.  |
|      |       | 3 0 | 34                 | 44                | 29,83   | 71                         | W       | 1    | Cloudy.  |
|      | 8     | 8 0 | 33                 | 42                | 29,51   | 75                         | W       | 1    | Cloudy.  |
|      |       | 3 0 | 35                 | 43                | 29,57   | 70                         | NW      | 1    | Fine.    |
|      | 9     | 8 0 | 27                 | 41                | 30,05   | 71                         | W       | 1    | Hazy.    |
|      |       | 3 0 | 35                 | 46                | 30,02   | 70                         | W       | 1    | Fine.    |
|      | 10    | 8 0 | 41                 | 44                | 29,78   | 78                         | NNW     | 1    | Cloudy.  |
|      |       | 3 0 | 41                 | 49                | 29,71   | 69                         | W       | 1    | Cloudy.  |
|      | 11    | 8 0 | 38                 | 46                | 29,56   | 68                         | W       | 1    | Fine.    |
|      |       | 3 0 | 39                 | 50                | 29,64   | 62                         | W       | 1    | Fine.    |
|      | 12    | 8 0 | 35                 | 45                | 29,99   | 70                         | NW      | 1    | Hazy.    |
|      |       | 3 0 | 38                 | 49                | 30,09   | 68                         | NW      | 1    | Fine.    |
|      | 13    | 8 0 | 28                 | 44                | 30,18   | 71                         | W       | 1    | Hazy.    |
|      |       | 3 0 | 37                 | 49                | 30,08   | 71                         | S       | 1    | Rain.    |
|      | 14    | 8 0 | 38                 | 46                | 29,82   | 70                         | N       | 1    | Rain.    |
|      |       | 3 0 | 43                 | 50                | 29,82   | 70                         | N       | 1    | Cloudy.  |
|      | 15    | 8 0 | 34                 | 47                | 30,19   | 70                         | SE      | 1    | Hazy.    |
|      |       | 3 0 | 34                 | 45                | 30,27   | 66                         | E       | 1    | Cloudy.  |
|      | 16    | 8 0 | 31                 | 43                | 30,33   | 68                         | N       | 1    | Hazy.    |
|      |       | 3 0 | 34                 | 47                | 30,27   | 68                         | W       | 1    | Cloudy.  |

Rain this Month 0,435 Inches.

## METEOROLOGICAL JOURNAL

for January, 1815.

| 1815    | Time. |    | Therm. without. | Therm. within. | Barom.  | Hygro-meter. | Winds.  |      | Weather.          |
|---------|-------|----|-----------------|----------------|---------|--------------|---------|------|-------------------|
|         | H.    | M. | °               | °              | Inches. |              | Points. | Str. |                   |
| Jan. 17 | 8     | 0  | 36              | 45             | 30,28   | 74           | N       | 1    | Cloudy.           |
|         | 3     | 0  | 38              | 50             | 30,31   | 68           | N       | 1    | Cloudy.           |
| 18      | 8     | 0  | 32              | 44             | 30,18   | 67           | N       | 1    | Fine.             |
|         | 3     | 0  | 35              | 47             | 30,13   | 70           | N       | 1    | Snow.             |
| 19      | 8     | 0  | 29              | 43             | 30,02   | 73           | N       | 1    | Cloudy.           |
|         | 3     | 0  | 32              | 48             | 29,90   | 70           | N       | 1    | Fine.             |
| 20      | 8     | 0  | 30              | 42             | 29,70   | 73           | N       | 1    | Fine.             |
|         | 3     | 0  | 27              | 45             | 29,81   | 69           | N       | 1    | Cloudy.           |
| 21      | 8     | 0  | 30              | 42             | 29,81   | 74           | E       | 1    | Cloudy.           |
|         | 3     | 0  | 32              | 46             | 29,81   | 73           | N       | 1    | Snow.             |
| 22      | 8     | 0  | 30              | 42             | 29,83   | 74           | NE      | 1    | Snow.             |
|         | 3     | 0  | 33              | 40             | 29,83   | 74           | N       | 1    | Snow.             |
| 23      | 8     | 0  | 30              | 40             | 29,88   | 75           | N       | 1    | Cloudy.           |
|         | 3     | 0  | 33              | 41             | 29,88   | 71           | W       | 1    | Cloudy.           |
| 24      | 8     | 0  | 22              | 39             | 29,78   | 73           | W       | 1    | Cloudy.           |
|         | 3     | 0  | 29              | 43             | 29,64   | 73           |         | 1    | Thick fog.        |
| 25      | 8     | 0  | 27              | 40             | 29,64   | 73           | E       | 1    | Cloudy.           |
|         | 3     | 0  | 29              | 44             | 29,62   | 73           | E       | 1    | Cloudy.           |
| 26      | 8     | 0  | 29              | 40             | 29,47   | 74           | NE      | 1    | Snow.             |
|         | 3     | 0  | 34              | 46             | 29,31   | 73           | NW      | 1    | Cloudy.           |
| 27      | 8     | 0  | 28              | 41             | 29,00   | 71           | E       | 2    | Snow.             |
|         | 3     | 0  | 32              | 45             | 28,95   | 75           | E       | 1    | Cloudy.           |
| 28      | 8     | 0  | 35              | 42             | 28,94   | 78           | E       | 1    | Fine.             |
|         | 3     | 0  | 38              | 49             | 29,01   | 72           | E       | 1    | Cloudy.           |
| 29      | 8     | 0  | 45              | 44             | 29,11   | 75           | SSE     | 1    | Cloudy.           |
|         | 3     | 0  | 40              | 44             | 29,19   | 74           | SE      | 1    | Cloudy.           |
| 30      | 8     | 0  | 36              | 43             | 29,27   | 77           | E       | 1    | Cloudy.           |
|         | 3     | 0  | 39              | 47             | 29,27   | 72           | E       | 1    | Thick and cloudy. |
| 31      | 8     | 0  | 39              | 49             | 29,36   | 78           | E       | 1    | Thick and cloudy. |
|         | 3     | 0  | 43              | 50             | 29,38   | 78           | E       | 1    | Cloudy.           |

Rain this Month 0,435 Inches.

## METEOROLOGICAL JOURNAL

for February, 1815.

| 1815 | Time. |    | Therm. without. | Therm. within. | Barom.  | Hygro-meter. | Winds.  |      | Weather. |          |
|------|-------|----|-----------------|----------------|---------|--------------|---------|------|----------|----------|
|      | H.    | M. | °               | °              | Inches. |              | Points. | Str. |          |          |
| Feb. | 1     | 8  | 0               | 44             | 48      | 29,38        | 79      | S    | 1        | Cloudy.  |
|      |       | 3  | 0               | 45             | 52      | 29,40        | 78      | S    | 1        | Cloudy.  |
|      | 2     | 8  | 0               | 40             | 48      | 29,52        | 77      | E    | 1        | Cloudy.  |
|      |       | 3  | 0               | 44             | 54      | 29,57        | 74      | E    | 1        | Hazy.    |
|      | 3     | 8  | 0               | 40             | 51      | 29,68        | 78      | E    | 1        | Cloudy.  |
|      |       | 3  | 0               | 44             | 54      | 29,65        | 75      | S    | 1        | Cloudy.  |
|      | 4     | 8  | 0               | 40             | 50      | 29,57        | 77      |      | 1        | Cloudy.  |
|      |       | 3  | 0               | 49             | 54      | 29,51        | 70      | W    | 1        | Cloudy.  |
|      | 5     | 8  | 0               | 44             | 51      | 29,90        | 76      | W    | 1        | Fine.    |
|      |       | 3  | 0               | 47             | 52      | 29,97        | 70      | W    | 1        | Fine.    |
|      | 6     | 8  | 0               | 44             | 52      | 29,81        | 75      | S    | 1        | Cloudy.  |
|      |       | 3  | 0               | 45             | 56      | 29,69        | 72      | SSE  | 1        | Cloudy.  |
|      | 7     | 8  | 0               | 45             | 52      | 29,59        | 77      | S    | 1        | Cloudy.  |
|      |       | 3  | 0               | 49             | 56      | 29,71        | 69      | W    | 1        | Cloudy.  |
|      | 8     | 8  | 0               | 44             | 53      | 29,80        | 77      | S    | 1        | Cloudy.  |
|      |       | 3  | 0               | 47             | 56      | 29,69        | 73      | S    | 1        | Cloudy.  |
|      | 9     | 8  | 0               | 40             | 54      | 29,71        | 78      | W    | 1        | Cloudy.  |
|      |       | 3  | 0               | 44             | 55      | 29,74        | 77      | SE   | 1        | Cloudy.  |
|      | 10    | 8  | 0               | 39             | 55      | 29,69        | 77      | E    | 1        | Cloudy.  |
|      |       | 3  | 0               | 42             | 55      | 29,65        | 76      | W    | 1        | Rain.    |
|      | 11    | 8  | 0               | 45             | 54      | 29,51        | 78      | E    | 1        | Cloudy.  |
|      |       | 3  | 0               | 47             | 56      | 29,44        | 74      | S    | 1        | Cloudy.  |
|      | 12    | 8  | 0               | 47             | 53      | 29,46        | 76      | SW   | 1        | Cloudy.  |
|      |       | 3  | 0               | 48             | 53      | 29,44        | 75      | W    | 1        | Showery. |
|      | 13    | 8  | 0               | 47             | 53      | 29,46        | 78      | S    | 1        | Cloudy.  |
|      |       | 3  | 0               | 49             | 57      | 29,57        | 64      | W    | 1        | Fine.    |
|      | 14    | 8  | 0               | 40             | 54      | 29,56        | 76      | E    | 1        | Hazy.    |
|      |       | 3  | 0               | 48             | 57      | 29,53        | 71      | E    | 1        | Cloudy.  |
|      | 15    | 8  | 0               | 41             | 51      | 29,70        | 76      | W    | 1        | Cloudy.  |
|      |       | 3  | 0               | 49             | 57      | 29,73        | 75      | S    | 1        | Cloudy.  |
|      | 16    | 8  | 0               | 48             | 55      | 29,64        | 77      | SW   | 1        | Rain.    |
|      |       | 3  | 0               | 51             | 57      | 29,54        | 73      | W    | 1,2      | Cloudy.  |

Rain this Month 0.675 Inches.

## METEOROLOGICAL JOURNAL

for February, 1815.

| 1815    | Time. |    | Therm. without. | Therm. within. | Barom.  | Hy-gro-meter. | Winds.  |      | Weather. |
|---------|-------|----|-----------------|----------------|---------|---------------|---------|------|----------|
|         | H.    | M. | °               | °              | Inches. |               | Points. | Str. |          |
| Feb. 17 | 8     | 0  | 45              | 56             | 29,57   | 73            | W       | 1    | Cloudy.  |
|         | 3     | 0  | 48              | 58             | 29,71   | 71            | W       | 1    | Cloudy.  |
| 18      | 8     | 0  | 40              | 53             | 29,84   | 73            | W       | 1    | Cloudy.  |
|         | 3     | 0  | 45              | 55             | 29,81   | 69            | SW      | 1    | Cloudy.  |
| 19      | 8     | 0  | 45              | 53             | 30,26   | 75            | W       | 1    | Cloudy.  |
|         | 3     | 0  | 48              | 53             | 30,20   | 70            | W       | 1    | Cloudy.  |
| 20      | 8     | 0  | 47              | 53             | 29,77   | 74            | SW      | 1    | Cloudy.  |
|         | 3     | 0  | 48              | 56             | 29,70   | 71            | W       | 1    | Fine.    |
| 21      | 8     | 0  | 50              | 55             | 29,89   | 76            | W       | 2    | Cloudy.  |
|         | 3     | 0  | 54              | 57             | 30,04   | 72            | W       | 1    | Cloudy.  |
| 22      | 8     | 0  | 48              | 53             | 30,20   | 73            | W       | 1    | Cloudy.  |
|         | 3     | 0  | 53              | 57             | 30,25   | 71            | W       | 1    | Cloudy.  |
| 23      | 8     | 0  | 43              | 53             | 30,25   | 72            | W       | 1    | Fine.    |
|         | 3     | 0  | 38              | 58             | 30,24   | 70            | SW      | 1    | Fine.    |
| 24      | 8     | 0  | 46              | 56             | 30,09   | 71            | SW      | 1    | Cloudy.  |
|         | 3     | 0  | 50              | 58             | 30,06   | 68            | W       | 1    | Fine.    |
| 25      | 8     | 0  | 47              | 55             | 30,04   | 74            | W       | 1    | Cloudy.  |
|         | 3     | 0  | 49              | 58             | 30,05   | 71            | SW      | 1    | Cloudy.  |
| 26      | 8     | 0  | 48              | 53             | 29,99   | 70            | NE      | 1,2  | Cloudy.  |
|         | 3     | 0  | 48              | 55             | 30,10   | 72            | NW      | 1    | Rain.    |
| 27      | 8     | 0  | 38              | 50             | 30,43   | 71            | W       | 1    | Hazy.    |
|         | 3     | 0  | 46              | 57             | 30,51   | 63            | W       | 1    | Fine.    |
| 28      | 8     | 0  | 36              | 50             | 30,49   | 71            | W       | 1    | Foggy.   |
|         | 3     | 0  | 43              | 58             | 30,41   | 65            | E       | 1    | Fine.    |

Rain this Month 0,675 Inches.

## METEOROLOGICAL JOURNAL

for March, 1815.

| 1815   | Time. |    | Therm. without. | Therm. within. | Barom.  | Hygro-meter. | Winds.  |      | Weather.            |
|--------|-------|----|-----------------|----------------|---------|--------------|---------|------|---------------------|
|        | H.    | M. | °               | °              | Inches. |              | Points. | Str. |                     |
| Mar. 1 | 8     | 0  | 40              | 52             | 29,21   | 75           | E       | 1    | Hazy.               |
|        | 3     | 0  | 49              | 59             | 29,95   | 71           | S       | 1    | Fine.               |
| 2      | 8     | 0  | 40              | 55             | 30,26   | 76           | SW      | 1    | Cloudy.             |
|        | 3     | 0  | 45              | 58             | 30,30   | 76           | N by E  | 1    | Rain.               |
| 3      | 8     | 0  | 39              | 51             | 30,25   | 76           | W       | 1    | Cloudy.             |
|        | 3     | 0  | 48              | 58             | 30,26   | 64           | S       | 1    | Cloudy.             |
| 4      | 8     | 0  | 45              | 53             | 30,27   | 75           | SW      | 1    | Cloudy.             |
|        | 3     | 0  | 50              | 57             | 30,28   | 68           | SW      | 1    | Cloudy.             |
| 5      | 8     | 0  | 46              | 54             | 30,19   | 74           | SW      | 1    | Cloudy.             |
|        | 3     | 0  | 51              | 55             | 30,16   | 73           | SW      | 1    | Cloudy.             |
| 6      | 8     | 0  | 42              | 54             | 30,23   | 74           | W       | 1    | Cloudy.             |
|        | 3     | 0  | 50              | 60             | 30,20   | 66           | S       | 1    | Fine.               |
| 7      | 8     | 0  | 46              | 54             | 29,06   | 76           | SW      | 1    | Cloudy.             |
|        | 3     | 0  | 49              | 57             | 29,85   | 76           | SW      | 1    | Rain.               |
| 8      | 8     | 0  | 46              | 55             | 29,41   | 76           | W       | 2    | Rain. [night.       |
|        | 3     | 0  | 48              | 57             | 29,40   | 70           | W       | 1    | Gale of wind in the |
| 9      | 8     | 0  | 39              | 48             | 29,54   | 72           | SW      | 1    | Rain.               |
|        | 3     | 0  | 45              | 56             | 29,48   | 65           | NW      | 1    | Cloudy.             |
| 10     | 8     | 0  | 37              | 52             | 29,19   | 72           | W       | 1    | Cloudy.             |
|        | 3     | 0  | 42              | 54             | 29,29   | 68           | W       | 1    | Cloudy.             |
| 11     | 8     | 0  | 34              | 49             | 29,38   | 71           | W       | 1    | Cloudy.             |
|        | 3     | 0  | 44              | 57             | 29,49   | 62           | WNW     | 1    | Fine.               |
| 12     | 8     | 0  | 38              | 49             | 29,54   | 71           | S       | 1    | Cloudy.             |
|        | 3     | 0  | 48              | 55             | 29,18   | 76           | SSW     | 1    | Rain.               |
| 13     | 8     | 0  | 42              | 50             | 28,92   | 69           | W       | 2,3  | Cloudy.             |
|        | 3     | 0  | 47              | 54             | 28,90   | 68           | W       | 1,2  | Cloudy.             |
| 14     | 8     | 0  | 40              | 49             | 29,53   | 70           | W       | 1    | Cloudy.             |
|        | 3     | 0  | 45              | 55             | 29,75   | 66           | NNE     | 1    | Cloudy.             |
| 15     | 8     | 0  | 39              | 49             | 30,01   | 71           | W       | 1    | Cloudy.             |
|        | 3     | 0  | 50              | 55             | 29,90   | 77           | W       | 1    | Fine.               |
| 16     | 8     | 0  | 52              | 54             | 29,72   | 79           | W       | 2    | Rain.               |
|        | 3     | 0  | 54              | 58             | 29,86   | 61           | NNW     | 1    | Cloudy.             |

Rain this Month 1,3250 Inches.

## METEOROLOGICAL JOURNAL

for March, 1815.

| 1815 | Time. |     | Therm. without. | Therm. within. | Barom.  | Hygro-meter. | Winds.  |       | Weather.            |
|------|-------|-----|-----------------|----------------|---------|--------------|---------|-------|---------------------|
|      | H.    | M.  | °               | °              | Inches. |              | Points. | Str.  |                     |
| Mar. | 17    | 8 0 | 46              | 55             | 29.97   | 73           | W       | 1     | Cloudy.             |
|      |       | 3 0 | 51              | 58             | 30.03   | 59           | NNW     | 1     | Fine.               |
|      | 18    | 8 0 | 47              | 53             | 30.05   | 70           | NW      | 1     | Cloudy.             |
|      |       | 3 0 | 52              | 57             | 30.07   | 66           | NW      | 1     | Cloudy.             |
|      | 19    | 8 0 | 50              | 55             | 29.96   | 78           | W       | 1     | Cloudy.             |
|      |       | 3 0 | 55              | 55             | 29.95   | 66           | N       | 1     | Cloudy.             |
|      | 20    | 8 0 | 49              | 55             | 29.97   | 74           | W by N  | 1     | Cloudy.             |
|      |       | 3 0 | 55              | 59             | 29.96   | 66           | SW      | 1     | Cloudy.             |
|      | 21    | 8 0 | 49              | 55             | 29.82   | 72           | W       | 1     | Cloudy.             |
|      |       | 3 0 | 53              | 57             | 29.72   | 68           | S       | 1     | Cloudy.             |
|      | 22    | 8 0 | 49              | 55             | 29.65   | 73           | SW      | 1,2   | Cloudy.             |
|      |       | 3 0 | 54              | 59             | 29.57   | 70           | SW      | 1     | Rain.               |
|      | 23    | 8 0 | 52              | 56             | 29.37   | 73           | W       | 1     | Fine.               |
|      |       | 3 0 | 52              | 59             | 29.24   | 60           | W by N  | 2     | Showery.            |
|      | 24    | 8 0 | 46              | 53             | 29.49   | 68           | W       | 1     | Cloudy.             |
|      |       | 3 0 | 51              | 57             | 29.48   | 71           | W       | 1,2,3 | Rain. Squally.      |
|      | 25    | 8 0 | 44              | 54             | 29.31   | 71           | S       | 1     | Fine.               |
|      |       | 3 0 | 48              | 56             | 29.46   | 65           | W       | 1     | Fine.               |
|      | 26    | 8 0 | 42              | 49             | 29.77   | 68           | SW      | 1     | Cloudy.             |
|      |       | 3 0 | 47              | 55             | 29.71   | 70           | SSW     | 2     | Cloudy and squally. |
|      | 27    | 8 0 | 48              | 52             | 29.51   | 75           | SW      | 2,3   | Cloudy and squally. |
|      |       | 3 0 | 53              | 56             | 29.49   | 72           | SW      | 1     | Rain.               |
|      | 28    | 8 0 | 52              | 54             | 29.56   | 73           | W       | 2     | Cloudy.             |
|      |       | 3 0 | 55              | 58             | 29.83   | 58           | NW      | 1     | Fine.               |
|      | 29    | 8 0 | 49              | 54             | 30.03   | 70           | S by E  | 1     | Cloudy.             |
|      |       | 3 0 | 58              | 62             | 29.93   | 63           | S       | 1,2   | Fine.               |
|      | 30    | 8 0 | 48              | 56             | 30.01   | 74           | W       | 1     | Cloudy.             |
|      |       | 3 0 | 55              | 59             | 29.97   | 70           | WSW     | 1     | Cloudy.             |
|      | 31    | 8 0 | 47              | 55             | 29.95   | 74           | E       | 1     | Hazy.               |
|      |       | 3 0 | 63              | 63             | 29.89   | 58           | E       | 1     | Fair.               |



## METEOROLOGICAL JOURNAL

for April, 1815.

| 1815  | Time. |      | Therm. without. | Therm. within. | Barom.  | Hygrometer. | Winds.  |      | Weather.          |
|-------|-------|------|-----------------|----------------|---------|-------------|---------|------|-------------------|
|       | H.    | M.   | °               | °              | Inches. |             | Points. | Str. |                   |
| April | 1     | 7 30 | 55              | 59             | 29,72   | 70          | ENE     | 1    | Fair.             |
|       |       | 3 0  | 63              | 67             | 29,67   | 56          | S       | 2    | Fair.             |
|       | 2     | 7 30 | 54              | 60             | 29,81   | 70          | W       | 1    | Cloudy.           |
|       |       | 3 0  | 58              | 64             | 29,90   | 60          | W       | 1    | Fine.             |
|       | 3     | 7 30 | 49              | 57             | 29,86   | 70          | W       | 1    | Hazy.             |
|       |       | 3 0  | 54              | 62             | 29,88   | 60          | NW      | 1    | Fine.             |
|       | 4     | 7 30 | 43              | 57             | 29,98   | 69          | SW      | 1    | Fine.             |
|       |       | 3 0  | 57              | 60             | 29,96   | 58          | W       | 1    | Cloudy.           |
|       | 5     | 7 30 | 42              | 55             | 30,24   | 66          | NW      | 1    | Cloudy.           |
|       |       | 3 0  | 54              | 58             | 30,27   | 60          | NW      | 1    | Fine.             |
|       | 6     | 7 30 | 48              | 53             | 30,22   | 70          | NW      | 1    | Fine.             |
|       |       | 3 0  | 59              | 62             | 30,19   | 65          | W       | 1    | Cloudy.           |
|       | 7     | 7 30 | 55              | 57             | 30,15   | 73          | S       | 1    | Fine.             |
|       |       | 3 0  | 60              | 65             | 30,07   | 61          | E       | 1    | Fair.             |
|       | 8     | 7 30 | 51              | 57             | 30,01   | 72          | E       | 1    | Cloudy.           |
|       |       | 3 0  | 56              | 62             | 29,94   | 64          | E       | 1    | Fine.             |
|       | 9     | 7 30 | 52              | 56             | 29,88   | 69          | E       | 1    | Cloudy.           |
|       |       | 3 0  | 56              | 59             | 29,88   | 68          | E       | 1    | Cloudy.           |
|       | 10    | 7 30 | 46              | 56             | 29,91   | 76          | NE      | 1    | Rain.             |
|       |       | 3 0  | 53              | 57             | 29,92   | 79          | ESE     | 1    | Cloudy.           |
|       | 11    | 7 0  | 50              | 57             | 30,00   | 77          | SW      | 1    | Cloudy.           |
|       |       | 3 0  | 59              | 61             | 30,00   | 65          | S       | 1    | Fine.             |
|       | 12    | 7 0  | 53              | 57             | 29,97   | 73          | NE      | 1    | Hazy.             |
|       |       | 3 0  | 60              | 60             | 29,91   | 64          | E       | 1    | Cloudy.           |
|       | 13    | 7 0  | 48              | 55             | 29,86   | 72          | W       | 1    | Hazy.             |
|       |       | 3 0  | 56              | 59             | 29,69   | 68          | W       | 1    | Rain and thunder. |
|       | 14    | 7 0  | 42              | 51             | 29,67   | 68          | N       | 1    | Cloudy.           |
|       |       | 3 0  | 47              | 52             | 29,87   | 65          | NNE     | 1    | Cloudy.           |
|       | 15    | 7 0  | 41              | 52             | 30,07   | 65          | NE      | 1    | Cloudy.           |
|       |       | 3 0  | 45              | 54             | 30,11   | 60          | N       | 1    | Cloudy.           |
|       | 16    | 7 0  | 40              | 51             | 30,16   | 64          | N       | 1    | Cloudy.           |
|       |       | 3 0  | 49              | 53             | 30,15   | 56          | N       | 1    | Cloudy.           |

Rain this Month 1,660 Inches.

## METEOROLOGICAL JOURNAL

for April 1815.

| 1815    | Time. |    | Therm.<br>without. | Therm.<br>within. | Barom.  | Hy-<br>gro-<br>me-<br>ter. | Winds.    |      | Weather.           |
|---------|-------|----|--------------------|-------------------|---------|----------------------------|-----------|------|--------------------|
|         | H.    | M. | °                  | °                 | Inches. |                            | Points.   | Str. |                    |
| Apr. 17 | 7     | 0  | 43                 | 50                | 30.17   | 67                         | N         | 1    | Fine.              |
|         | 3     | 0  | 48                 | 53                | 30.19   | 60                         | NE        | 1    | Cloudy.            |
| 18      | 7     | 0  | 40                 | 50                | 30.32   | 70                         | N         | 1    | Fine, rather hazy. |
|         | 3     | 0  | 50                 | 54                | 30.31   | 58                         | NNE       | 1    | Cloudy.            |
| 19      | 7     | 0  | 42                 | 50                | 30.26   | 66                         | NNE       | 1    | Fine.              |
|         | 3     | 0  | 50                 | 53                | 30.13   | 60                         | N         | 1    | Cloudy.            |
| 20      | 7     | 0  | 45                 | 51                | 29.92   | 69                         | N         | 1    | Cloudy.            |
|         | 3     | 0  | 50                 | 55                | 29.81   | 63                         | N         | 1    | Cloudy.            |
| 21      | 7     | 0  | 43                 | 52                | 29.35   | 69                         | S         | 1    | Cloudy.            |
|         | 3     | 0  | 45                 | 55                | 28.92   | 71                         | E         | 2    | Rain.              |
| 22      | 7     | 0  | 43                 | 51                | 28.78   | 77                         | E         | 2    | Cloudy.            |
|         | 3     | 0  | 45                 | 54                | 28.92   | 71                         | N         | 1    | Cloudy.            |
| 23      | 7     | 0  | 45                 | 51                | 29.11   | 72                         | Variable. | 1    | Cloudy.            |
|         | 3     | 0  | 45                 | 52                | 29.22   | 73                         | N         | 1    | Rain.              |
| 24      | 7     | 0  | 42                 | 50                | 29.30   | 72                         | NE        | 1    | Cloudy.            |
|         | 3     | 0  | 47                 | 53                | 29.50   | 73                         | N         | 1    | Cloudy.            |
| 25      | 7     | 0  | 40                 | 50                | 29.68   | 70                         | WNW       | 1    | Fine.              |
|         | 3     | 0  | 48                 | 54                | 29.71   | 61                         | NE        | 1    | Cloudy.            |
| 26      | 7     | 0  | 46                 | 52                | 29.94   | 70                         | E         | 1    | Cloudy.            |
|         | 3     | 0  | 50                 | 58                | 30.09   | 60                         | E         | 1    | Fine.              |
| 27      | 7     | 0  | 45                 | 52                | 30.13   | 74                         | NE        | 1    | Cloudy.            |
|         | 3     | 0  | 54                 | 56                | 30.07   | 68                         | E         | 1    | Cloudy.            |
| 28      | 7     | 0  | 49                 | 55                | 30.60   | 67                         | N         | 1    | Cloudy.            |
|         | 3     | 0  | 58                 | 60                | 29.91   | 55                         | NE        | 1    | Cloudy.            |
| 29      | 7     | 0  | 49                 | 55                | 29.73   | 68                         | Variable. | 1    | Cloudy.            |
|         | 3     | 0  | 50                 | 57                | 29.70   | 67                         | E         | 1    | Cloudy.            |
| 30      | 7     | 0  | 46                 | 54                | 29.59   | 65                         | E         | 1    | Cloudy.            |
|         | 3     | 0  | 50                 | 54                | 29.58   | 71                         | E         | 1    | Rain.              |

Rain this Month 1,864 Inches.

## METEOROLOGICAL JOURNAL

for May, 1815.

| 1815 | Time. |    | Therm. without. | Therm. within. | Barom.  | Hygro-meter. | Winds.  |      | Weather. |                             |
|------|-------|----|-----------------|----------------|---------|--------------|---------|------|----------|-----------------------------|
|      | H.    | M. | o               | o              | Inches. |              | Points. | Str. |          |                             |
| May  | 1     | 7  | o               | 51             | 55      | 29,71        | 75      | E    | 1        | Fine.                       |
|      |       | 3  | o               | 60             | 60      | 29,72        | 65      | E    | 1        | Cloudy.                     |
|      | 2     | 7  | o               | 55             | 56      | 29,74        | 70      | E    | 1        | Fine. [distance.            |
|      |       | 3  | o               | 60             | 59      | 29,75        | 67      | E    | 1        | Cloudy, much thunder at a   |
|      | 3     | 7  | o               | 51             | 56      | 29,78        | 75      | NE   | 1        | Cloudy.                     |
|      |       | 3  | o               | 64             | 60      | 29,73        | 61      | E    | 1        | Fine.                       |
|      | 4     | 7  | o               | 50             | 57      | 29,77        | 74      | NE   | 1        | Cloudy. [tance.             |
|      |       | 3  | o               | 60             | 61      | 29,74        | 68      | NE   | 1        | Rain, and thunder at a dis- |
|      | 5     | 7  | o               | 53             | 59      | 29,75        | 73      | W    | 1        | Fine.                       |
|      |       | 3  | o               | 60             | 61      | 29,75        | 64      | W    | 1        | Fine.                       |
|      | 6     | 7  | o               | 50             | 58      | 29,78        | 75      | W    | 1        | Thick and cloudy.           |
|      |       | 3  | o               | 61             | 61      | 29,78        | 63      | SW   | 1        | Fine.                       |
|      | 7     | 7  | o               | 50             | 59      | 29,76        | 66      | S    | 1        | Cloudy.                     |
|      |       | 3  | o               | 62             | 60      | 29,75        | 65      | SW   | 1        | Cloudy.                     |
|      | 8     | 7  | o               | 54             | 59      | 29,75        | 72      | S    | 1        | Cloudy.                     |
|      |       | 3  | o               | 62             | 64      | 29,74        | 62      | SW   | 1        | Cloudy.                     |
|      | 9     | 7  | o               | 53             | 59      | 29,88        | 68      | W    | 1        | Cloudy.                     |
|      |       | 3  | o               | 63             | 62      | 29,96        | 58      | NE   | 1        | Cloudy.                     |
|      | 10    | 7  | o               | 53             | 59      | 30,00        | 73      | SW   | 1        | Rain.                       |
|      |       | 3  | o               | 62             | 61      | 29,98        | 67      | SW   | 1        | Cloudy.                     |
|      | 11    | 7  | o               | 57             | 59      | 29,91        | 69      | SW   | 1        | Fine.                       |
|      |       | 3  | o               | 66             | 65      | 29,82        | 60      | S    | 1        | Fine.                       |
|      | 12    | 7  | o               | 56             | 60      | 29,63        | 66      | W    | 2        | Cloudy.                     |
|      |       | 3  | o               | 62             | 62      | 29,68        | 61      | SW   | 2        | Cloudy.                     |
|      | 13    | 7  | o               | 55             | 60      | 29,75        | 69      | S    | 1,2      | Cloudy.                     |
|      |       | 3  | o               | 62             | 65      | 29,73        | 61      | SW   | 1        | Fine.                       |
|      | 14    | 7  | o               | 51             | 59      | 29,83        | 68      | W    | 1        | Fine.                       |
|      |       | 3  | o               | 60             | 62      | 29,88        | 60      | W    | 1,2      | Fine.                       |
|      | 15    | 7  | o               | 53             | 58      | 29,87        | 67      | S    | 1        | Cloudy.                     |
|      |       | 3  | o               | 61             | 60      | 29,83        | 61      | S    | 1,2      | Cloudy.                     |
|      | 16    | 7  | o               | 50             | 58      | 30,01        | 70      | SW   | 1        | Fine.                       |
|      |       | 3  | o               | 61             | 62      | 30,11        | 57      | W    | 1        | Cloudy.                     |

Rain this Month 0,667 Inches.

## METEOROLOGICAL JOURNAL

for May, 1815.

| 1815   | Time. |    | Therm. without. | Therm. within. | Barom.  | Hy-gro-meter. | Winds.  |      | Weather.         |
|--------|-------|----|-----------------|----------------|---------|---------------|---------|------|------------------|
|        | H.    | M. | °               | °              | Inches. |               | Points. | Str. |                  |
| May 17 | 7     | 0  | 53              | 58             | 30.32   | 66            | W       | 1    | Cloudy.          |
|        | 3     | 0  | 64              | 62             | 30.33   | 56            | W       | 1    | Cloudy.          |
| 18     | 7     | 0  | 59              | 60             | 30.30   | 72            | W       | 1    | Cloudy and hazy. |
|        | 3     | 0  | 65              | 62             | 30.29   | 64            | NW      | 1    | Cloudy.          |
| 19     | 7     | 0  | 60              | 61             | 30.23   | 68            | N       | 1    | Cloudy.          |
|        | 3     | 0  | 65              | 62             | 30.17   | 62            | N       | 1    | Cloudy.          |
| 20     | 7     | 0  | 58              | 60             | 29.96   | 68            | W       | 1    | Fine.            |
|        | 3     | 0  | 61              | 64             | 29.74   | 65            | W       | 1    | Cloudy.          |
| 21     | 7     | 0  | 54              | 60             | 29.62   | 62            | W       | 1    | Cloudy.          |
|        | 3     | 0  | 63              | 63             | 29.62   | 58            | N       | 1    | Fine.            |
| 22     | 7     | 0  | 52              | 56             | 29.85   | 64            | N       | 1    | Cloudy.          |
|        | 3     | 0  | 59              | 59             | 29.92   | 58            | N       | 1    | Cloudy.          |
| 23     | 7     | 0  | 50              | 57             | 29.97   | 64            | SW      | 1    | Cloudy.          |
|        | 3     | 0  | 59              | 58             | 29.84   | 61            | W       | 1    | Rain.            |
| 24     | 7     | 0  | 51              | 56             | 29.88   | 74            | W       | 1    | Rain.            |
|        | 3     | 0  | 61              | 60             | 29.90   | 64            | WNW     | 1    | Cloudy.          |
| 25     | 7     | 0  | 56              | 58             | 30.07   | 71            | W       | 1    | Cloudy.          |
|        | 3     | 0  | 66              | 64             | 30.10   | 59            | W       | 1    | Fine.            |
| 26     | 7     | 0  | 58              | 59             | 30.22   | 71            | W       | 1    | Cloudy.          |
|        | 3     | 0  | 68              | 64             | 30.22   | 57            | N       | 1    | Fine.            |
| 27     | 7     | 0  | 57              | 60             | 30.22   | 69            | E       | 1    | Fine.            |
|        | 3     | 0  | 62              | 67             | 30.15   | 58            | E       | 1    | Fine.            |
| 28     | 7     | 0  | 60              | 61             | 29.99   | 65            | E       | 1    | Fair.            |
|        | 3     | 0  | 66              | 69             | 29.93   | 61            | E       | 1    | Fine.            |
| 29     | 7     | 0  | 61              | 63             | 29.85   | 69            | E       | 1    | Cloudy and hazy. |
|        | 3     | 0  | 59              | 63             | 29.84   | 66            | SW      | 1    | Cloudy.          |
| 30     | 7     | 0  | 54              | 60             | 29.88   | 66            | S       | 1    | Cloudy.          |
|        | 3     | 0  | 63              | 63             | 29.89   | 60            | N       | 1    | Cloudy.          |
| 31     | 7     | 0  | 53              | 60             | 29.92   | 68            | W       | 1    | Cloudy.          |
|        | 3     | 0  | 63              | 63             | 29.87   | 58            | SW      | 1    | Fine.            |

Rain this Month 0.667 Inches.

## METEOROLOGICAL JOURNAL

for June, 1815.

| 1815 | Time. |    | Therm. without. | Therm. within. | Barom.  | Hygro-meter. | Winds.  |      | Weather. |         |
|------|-------|----|-----------------|----------------|---------|--------------|---------|------|----------|---------|
|      | H.    | M. | o               | o              | Inches. |              | Points. | Str. |          |         |
| June | 1     | 7  | o               | 55             | 60      | 29,79        | 72      | E    | 1        | Cloudy. |
|      |       | 3  | o               | 62             | 63      | 29,89        | 70      | E    | 1        | Cloudy. |
|      | 2     | 7  | o               | 55             | 57      | 30,11        | 66      | W    | 1        | Fine.   |
|      |       | 3  | o               | 67             | 64      | 30,08        | 57      | W    | 1        | Fine.   |
|      | 3     | 7  | o               | 57             | 59      | 30,02        | 70      | W    | 1        | Rain.   |
|      |       | 3  | o               | 65             | 63      | 29,97        | 65      | W    | 1        | Cloudy. |
|      | 4     | 7  | o               | 61             | 62      | 29,93        | 68      | W    | 1        | Fine.   |
|      |       | 3  | o               | 68             | 67      | 29,82        | 61      | W    | 1        | Fine.   |
|      | 5     | 7  | o               | 57             | 62      | 29,67        | 68      | W    | 1        | Cloudy. |
|      |       | 3  | o               | 63             | 64      | 29,59        | 64      | NW   | 1        | Cloudy. |
|      | 6     | 7  | o               | 57             | 59      | 29,53        | 64      | S    | 1        | Cloudy. |
|      |       | 3  | o               | 60             | 62      | 29,45        | 68      | N    | 1        | Rain.   |
|      | 7     | 7  | o               | 53             | 58      | 29,53        | 68      | NW   | 1        | Cloudy. |
|      |       | 3  | o               | 62             | 62      | 29,66        | 59      | S    | 1        | Fine.   |
|      | 8     | 7  | o               | 57             | 60      | 29,70        | 64      | N    | 1        | Cloudy. |
|      |       | 3  | o               | 63             | 62      | 29,74        | 59      | E    | 1        | Cloudy. |
|      | 9     | 7  | o               | 59             | 60      | 29,85        | 60      | E    | 1        | Fine.   |
|      |       | 3  | o               | 65             | 64      | 29,85        | 57      | E    | 1        | Fine.   |
|      | 10    | 7  | o               | 58             | 59      | 29,87        | 63      | NW   | 1        | Fine.   |
|      |       | 3  | o               | 66             | 65      | 29,89        | 56      | NNW  | 1        | Fine.   |
|      | 11    | 7  | o               | 58             | 62      | 29,87        | 66      | SW   | 1        | Fine.   |
|      |       | 3  | o               | 67             | 66      | 29,81        | 56      | SW   | 1        | Cloudy. |
|      | 12    | 7  | o               | 55             | 61      | 29,84        | 67      | E    | 1        | Cloudy. |
|      |       | 3  | o               | 62             | 64      | 29,77        | 59      | SE   | 1        | Fine.   |
|      | 13    | 7  | o               | 52             | 61      | 29,59        | 59      | E    | 1        | Rain.   |
|      |       | 3  | o               | 61             | 64      | 29,53        | 64      | W    | 1        | Cloudy. |
|      | 14    | 7  | o               | 55             | 60      | 29,30        | 74      | S    | 1        | Cloudy. |
|      |       | 3  | o               | 62             | 64      | 29,32        | 62      | S    | 1        | Fine.   |
|      | 15    | 7  | o               | 57             | 61      | 29,49        | 71      | W    | 1        | Cloudy. |
|      |       | 3  | o               | 66             | 66      | 29,67        | 57      | S    | 1        | Cloudy. |
|      | 16    | 7  | o               | 59             | 60      | 29,88        | 63      | SSE  | 1        | Fine.   |
|      |       | 3  | o               | 68             | 66      | 29,82        | 57      | SW   | 1        | Fine.   |

Rain this Month 1,752 Inches.

## METEOROLOGICAL JOURNAL

for June, 1815.

| 1815    | Time. |    | Therm.<br>without. | Therm.<br>within. | Barom.  | Hy-<br>gro-<br>me-<br>ter. | Winds.  |      | Weather.                         |
|---------|-------|----|--------------------|-------------------|---------|----------------------------|---------|------|----------------------------------|
|         | H.    | M. | °                  | °                 | Inches. |                            | Points. | Str. |                                  |
| June 17 | 7     | 0  | 61                 | 63                | 29.61   | 82                         | E       | 1    | Cloudy, much rain in the [night. |
|         | 3     | 0  | 67                 | 65                | 29.59   | 58                         | W       | 1    | Cloudy.                          |
| 18      | 7     | 0  | 58                 | 63                | 29.61   | 62                         | W       | 1    | Cloudy.                          |
|         | 3     | 0  | 67                 | 65                | 29.62   | 53                         | W       | 1    | Cloudy.                          |
| 19      | 7     | 0  | 62                 | 61                | 29.72   | 58                         | W       | 1    | Fine.                            |
|         | 3     | 0  | 67                 | 64                | 29.71   | 53                         | W       | 1    | Cloudy.                          |
| 20      | 7     | 0  | 62                 | 63                | 29.71   | 60                         | E       | 1    | Cloudy.                          |
|         | 3     | 0  | 67                 | 67                | 29.70   | 54                         | S       | 1,2  | Cloudy.                          |
| 21      | 7     | 0  | 60                 | 63                | 29.77   | 62                         | N       | 1,2  | Fine.                            |
|         | 3     | 0  | 64                 | 65                | 29.84   | 69                         | E       | 1    | Cloudy.                          |
| 22      | 7     | 0  | 58                 | 60                | 29.92   | 66                         | W       | 1    | Cloudy and hazy.                 |
|         | 3     | 0  | 66                 | 66                | 29.89   | 62                         | N       | 1    | Cloudy.                          |
| 23      | 7     | 0  | 58                 | 61                | 29.92   | 62                         | W       | 1    | Cloudy.                          |
|         | 3     | 0  | 65                 | 65                | 30.00   | 65                         | W       | 1    | Fine.                            |
| 24      | 7     | 0  | 59                 | 62                | 30.07   | 60                         | NW      | 1    | Cloudy.                          |
|         | 3     | 0  | 67                 | 67                | 30.06   | 53                         | W       | 1    | Fine.                            |
| 25      | 7     | 0  | 59                 | 63                | 29.98   | 64                         | N       | 1    | Cloudy.                          |
|         | 3     | 0  | 61                 | 64                | 30.05   | 56                         | N       | 1    | Cloudy.                          |
| 26      | 7     | 0  | 58                 | 60                | 30.11   | 62                         | N       | 1    | Cloudy.                          |
|         | 3     | 0  | 66                 | 65                | 30.10   | 52                         | N       | 1    | Cloudy.                          |
| 27      | 7     | 0  | 56                 | 62                | 30.11   | 58                         | N       | 1    | Fine, rather hazy.               |
|         | 3     | 0  | 68                 | 68                | 30.11   | 54                         | E       | 1    | Fine.                            |
| 28      | 7     | 0  | 62                 | 63                | 30.20   | 60                         | E       | 1    | Cloudy.                          |
|         | 3     | 0  | 68                 | 70                | 30.24   | 54                         | E       | 1    | Fair.                            |
| 29      | 7     | 0  | 60                 | 65                | 30.29   | 59                         | E       | 1    | Cloudy.                          |
|         | 3     | 0  | 69                 | 70                | 30.27   | 50                         | E       | 1    | Fair.                            |
| 30      | 7     | 0  | 60                 | 64                | 30.24   | 60                         | E       | 1    | Cloudy.                          |
|         | 3     | 0  | 70                 | 70                | 30.20   | 57                         | E       | 1    | Cloudy.                          |

Rain this Month 0.752 Inches.

## METEOROLOGICAL JOURNAL

for July, 1815.

| 1815   | Time. |    | Therm. without. | Therm. within. | Barom.  | Hygrometer. | Winds.  |      | Weather.         |
|--------|-------|----|-----------------|----------------|---------|-------------|---------|------|------------------|
|        | H.    | M. | °               | °              | Inches. |             | Points. | Str. |                  |
| July 1 | 7     | 0  | 60              | 64             | 30,14   | 66          | N       | 1    | Cloudy and hazy. |
|        | 3     | 0  | 71              | 72             | 30,11   | 56          | N       | 1    | Fine.            |
| 2      | 7     | 0  | 58              | 65             | 30,15   | 62          | N       | 1    | Cloudy.          |
|        | 3     | 0  | 67              | 68             | 30,09   | 53          | N       | 1    | Fine.            |
| 3      | 7     | 0  | 58              | 62             | 30,06   | 57          | NE      | 1    | Cloudy.          |
|        | 3     | 0  | 65              | 66             | 30,01   | 52          | N       | 1    | Cloudy.          |
| 4      | 7     | 0  | 60              | 62             | 30,01   | 62          | E       | 1    | Cloudy.          |
|        | 3     | 0  | 64              | 65             | 30,01   | 57          | E       | 1    | Cloudy.          |
| 5      | 7     | 0  | 59              | 62             | 30,08   | 57          | NNW     | 1    | Cloudy.          |
|        | 3     | 0  | 66              | 67             | 30,09   | 52          | N       | 1    | Fine.            |
| 6      | 7     | 0  | 59              | 63             | 30,08   | 59          | W       | 1    | Cloudy.          |
|        | 3     | 0  | 66              | 67             | 29,99   | 51          | N       | 1    | Fair.            |
| 7      | 7     | 0  | 55              | 62             | 30,08   | 64          | N       | 1    | Cloudy.          |
|        | 3     | 0  | 60              | 65             | 30,03   | 52          | N       | 1    | Cloudy.          |
| 8      | 7     | 0  | 56              | 61             | 30,12   | 59          | NW      | 1    | Fine.            |
|        | 3     | 0  | 63              | 64             | 30,12   | 50          | NW      | 1    | Cloudy.          |
| 9      | 7     | 0  | 62              | 62             | 30,06   | 60          | N       | 1    | Cloudy.          |
|        | 3     | 0  | 63              | 64             | 30,11   | 56          | NE      | 1    | Cloudy.          |
| 10     | 7     | 0  | 60              | 62             | 30,19   | 59          | NW      | 1    | Fine.            |
|        | 3     | 0  | 62              | 67             | 30,17   | 58          | W       | 1    | Fine.            |
| 11     | 7     | 0  | 60              | 63             | 30,19   | 59          | N       | 1    | Fine.            |
|        | 3     | 0  | 68              | 70             | 30,16   | 53          | W       | 1    | Fair.            |
| 12     | 7     | 0  | 62              | 64             | 30,12   | 60          | S       | 1    | Fair.            |
|        | 3     | 0  | 70              | 69             | 30,07   | 53          | S       | 1    | Fine.            |
| 13     | 7     | 0  | 62              | 64             | 30,06   | 60          | S       | 1    | Fair.            |
|        | 3     | 0  | 70              | 69             | 30,02   | 51          | W       | 1    | Fine.            |
| 14     | 7     | 0  | 63              | 65             | 30,09   | 61          | W       | 1    | Cloudy.          |
|        | 3     | 0  | 72              | 70             | 30,08   | 55          | SW      | 1    | Cloudy.          |
| 15     | 7     | 0  | 67              | 67             | 30,06   | 61          | SW      | 1    | Fine.            |
|        | 3     | 0  | 71              | 70             | 30,00   | 57          | SW      | 2    | Cloudy.          |
| 16     | 7     | 0  | 64              | 66             | 29,98   | 62          | W       | 1    | Cloudy.          |
|        | 3     | 0  | 71              | 69             | 30,05   | 55          | NW      | 1    | Cloudy.          |

Rain this Month 1,581 Inches.

## METEOROLOGICAL JOURNAL

for July, 1815.

| 1815    | Time. |    | Therm. without. | Therm. within. | Barom.  | Hygro-meter. | Winds.  |      | Weather. |
|---------|-------|----|-----------------|----------------|---------|--------------|---------|------|----------|
|         | H.    | M. | °               | °              | Inches. |              | Points. | Str. |          |
| July 17 | 7     | 0  | 63              | 67             | 30.00   | 62           | W       | 1    | Cloudy.  |
|         | 3     | 0  | 71              | 69             | 29.86   | 57           | W       | 2    | Cloudy.  |
| 18      | 7     | 0  | 58              | 66             | 29.82   | 61           | W       | 2    | Cloudy.  |
|         | 3     | 0  | 70              | 70             | 29.83   | 48           | W       | 1    | Fine.    |
| 19      | 7     | 0  | 56              | 65             | 29.76   | 62           | SW      | 1    | Rain.    |
|         | 3     | 0  | 62              | 66             | 29.62   | 67           | W       | 1    | Rain.    |
| 20      | 7     | 0  | 57              | 64             | 29.73   | 63           | N       | 1    | Cloudy.  |
|         | 3     | 0  | 62              | 65             | 29.82   | 56           | N       | 1    | Cloudy.  |
| 21      | 7     | 0  | 56              | 63             | 29.94   | 62           | N       | 1    | Fine.    |
|         | 3     | 0  | 64              | 68             | 29.94   | 52           | NW      | 1    | Fine.    |
| 22      | 7     | 0  | 58              | 63             | 29.95   | 58           | NNE     | 1    | Cloudy.  |
|         | 3     | 0  | 65              | 65             | 29.92   | 52           | N       | 1    | Cloudy.  |
| 23      | 7     | 0  | 57              | 62             | 29.93   | 59           | N       | 1    | Cloudy.  |
|         | 3     | 0  | 65              | 65             | 29.92   | 54           | N       | 1    | Cloudy.  |
| 24      | 7     | 0  | 59              | 63             | 29.99   | 60           | N       | 1    | Fine.    |
|         | 3     | 0  | 66              | 65             | 30.01   | 52           | NE      | 1    | Cloudy.  |
| 25      | 7     | 0  | 62              | 64             | 30.00   | 59           | E       | 1    | Fine.    |
|         | 3     | 0  | 67              | 66             | 30.11   | 56           | NW      | 1    | Cloudy.  |
| 26      | 7     | 0  | 62              | 64             | 30.09   | 65           | NE      | 1    | Rain.    |
|         | 3     | 0  | 65              | 65             | 30.15   | 63           | SW      | 1    | Cloudy.  |
| 27      | 7     | 0  | 56              | 62             | 30.19   | 61           | NE      | 1    | Fair.    |
|         | 3     | 0  | 61              | 63             | 30.21   | 58           | NEb.E   | 1    | Cloudy.  |
| 28      | 7     | 0  | 57              | 61             | 30.18   | 59           | NNE     | 1    | Fair.    |
|         | 3     | 0  | 65              | 67             | 30.17   | 54           | SE      | 1    | Fair.    |
| 29      | 7     | 0  | 61              | 63             | 30.16   | 60           | W       | 1    | Fine.    |
|         | 3     | 0  | 68              | 65             | 30.09   | 53           | SW      | 1    | Cloudy.  |
| 30      | 7     | 0  | 68              | 64             | 30.02   | 58           | S       | 1    | Fair.    |
|         | 3     | 0  | 70              | 66             | 30.05   | 64           | NE      | 1    | Fair.    |
| 31      | 7     | 0  | 58              | 54             | 30.12   | 63           | SSW     | 1    | Cloudy.  |
|         | 3     | 0  | 61              | 64             | 30.15   | 57           | SE      | 1    | Cloudy.  |

Rain this Month 0.581 Inches.



## METEOROLOGICAL JOURNAL

for August, 1815.

| 1815   | Time. |    | Therm. without. | Therm. within. | Barom.  | Hygro-meter. | Winds.  |      | Weather. |
|--------|-------|----|-----------------|----------------|---------|--------------|---------|------|----------|
|        | H.    | M. | °               | °              | Inches. |              | Points. | Str. |          |
| Aug. 1 | 7     | 0  | 57              | 62             | 30,23   | 59           | NW      | 1    | Cloudy.  |
|        | 4     | 0  | 64              | 51             | 30,27   | 57           | NE      | 1    | Cloudy.  |
|        | 7     | 0  | 62              | 61             | 30,22   | 65           | SE      | 1    | Cloudy.  |
|        | 4     | 0  | 67              | 66             | 30,18   | 54           | NNE     | 1    | Fair.    |
|        | 3     | 7  | 64              | 65             | 30,21   | 69           | SW      | 1    | Fair.    |
|        | 4     | 0  | 61              | 63             | 30,17   | 70           | SSE     | 1    | Cloudy.  |
|        | 4     | 7  | 51              | 64             | 30,08   | 69           | NE      | 1    | Fair.    |
|        | 4     | 0  | 63              | 69             | 30,04   | 65           | SW      | 1    | Cloudy.  |
|        | 5     | 7  | 61              | 65             | 29,79   | 70           | SSW     | 1    | Fine.    |
|        | 4     | 0  | 60              | 61             | 29,77   | 69           | SW      | 1    | Fair.    |
|        | 6     | 7  | 55              | 63             | 29,71   | 63           | W       | 1    | Fair.    |
|        | 4     | 0  | 67              | 66             | 29,68   | 69           | W       | 1    | Fine.    |
|        | 7     | 7  | 60              | 62             | 29,69   | 66           | W       | 1    | Fair.    |
|        | 4     | 0  | 69              | 63             | 29,81   | 63           | S       | 1    | Fair.    |
|        | 8     | 7  | 59              | 57             | 29,86   | 65           | SW      | 1    | Cloudy.  |
|        | 4     | 0  | 62              | 61             | 29,81   | 67           | W       | 1    | Cloudy.  |
|        | 9     | 7  | 65              | 65             | 29,86   | 69           | S       | 1    | Fair.    |
|        | 4     | 0  | 68              | 69             | 29,81   | 66           | SSE     | 1    | Fair.    |
|        | 10    | 7  | 67              | 63             | 29,89   | 65           | SSW     | 1    | Fine.    |
|        | 4     | 0  | 65              | 63             | 29,89   | 66           | SW      | 1    | Cloudy.  |
|        | 11    | 7  | 66              | 64             | 29,56   | 69           | SE      | 1    | Fine.    |
|        | 4     | 0  | 62              | 69             | 29,56   | 68           | SW      | 1    | Fair.    |
|        | 12    | 7  | 68              | 66             | 29,57   | 65           | SSE     | 1    | Fine.    |
|        | 4     | 0  | 69              | 66             | 29,57   | 68           | SW      | 1    | Cloudy.  |
|        | 13    | 7  | 66              | 62             | 29,78   | 66           | SSW     | 1    | Fair.    |
|        | 4     | 0  | 68              | 67             | 29,78   | 68           | SW      | 1    | Fine.    |
|        | 14    | 7  | 65              | 66             | 29,87   | 59           | S       | 1    | Cloudy.  |
|        | 4     | 0  | 69              | 68             | 29,89   | 63           | W       | 1    | Cloudy.  |
|        | 15    | 7  | 64              | 62             | 30,07   | 65           | SW      | 1    | Cloudy.  |
|        | 4     | 0  | 62              | 51             | 30,08   | 62           | E       | 1    | Fair.    |
|        | 16    | 7  | 68              | 61             | 30,11   | 65           | SE      | 1    | Cloudy.  |
|        | 4     | 0  | 69              | 66             | 30,08   | 67           | W       | 1    | Cloudy.  |

Rain this Month 0,222 Inches.

## METEOROLOGICAL JOURNAL

for August, 1815.

| 1815    | Time. |    | Therm. without. | Therm. within. | Barom.  | Hygrometer. | Winds.  |      | Weather. |
|---------|-------|----|-----------------|----------------|---------|-------------|---------|------|----------|
|         | H.    | M. | °               | °              | Inches. |             | Points. | Str. |          |
| Aug. 17 | 7     | 0  | 65              | 63             | 30.07   | 66          | SE      | 1    | Fair.    |
|         | 4     | 0  | 68              | 67             | 30.01   | 68          | SE      | 1    | Cloudy.  |
| 18      | 7     | 0  | 62              | 67             | 29.97   | 66          | SE      | 1    | Fair.    |
|         | 4     | 0  | 62              | 65             | 29.91   | 69          | W       | 1    | Cloudy.  |
| 19      | 7     | 0  | 68              | 66             | 29.97   | 66          | W       | 1    | Fair.    |
|         | 4     | 0  | 66              | 54             | 29.98   | 65          | SW      | 1    | Cloudy.  |
| 20      | 7     | 0  | 60              | 66             | 30.01   | 64          | SW      | 1    | Cloudy.  |
|         | 4     | 0  | 63              | 65             | 30.08   | 62          | W       | 1    | Cloudy.  |
| 21      | 7     | 0  | 54              | 54             | 29.97   | 59          | SW      | 1    | Fine.    |
|         | 4     | 0  | 64              | 56             | 29.91   | 57          | SSE     | 1    | Fine.    |
| 22      | 7     | 0  | 52              | 56             | 29.88   | 58          | W       | 1    | Fair.    |
|         | 4     | 0  | 69              | 68             | 29.81   | 68          | S       | 1    | Cloudy.  |
| 23      | 7     | 0  | 66              | 58             | 29.76   | 62          | S       | 1    | Cloudy.  |
|         | 4     | 0  | 55              | 63             | 29.78   | 67          | SW      | 1    | Cloudy.  |
| 24      | 7     | 0  | 63              | 52             | 29.98   | 66          | SE      | 1    | Fair.    |
|         | 4     | 0  | 52              | 62             | 30.01   | 61          | W       | 1    | Cloudy.  |
| 25      | 7     | 0  | 65              | 64             | 30.11   | 54          | SSW     | 1    | Cloudy.  |
|         | 4     | 0  | 68              | 66             | 30.17   | 52          | SW      | 1    | Fair.    |
| 26      | 7     | 0  | 63              | 65             | 30.01   | 68          | SE      | 1    | Fine.    |
|         | 4     | 0  | 65              | 63             | 30.01   | 65          | SW      | 1    | Fair.    |
| 27      | 7     | 0  | 62              | 67             | 29.99   | 64          | E       | 1    | Cloudy.  |
|         | 4     | 0  | 63              | 65             | 29.92   | 68          | W       | 1    | Cloudy.  |
| 28      | 7     | 0  | 64              | 59             | 29.99   | 67          | S       | 1    | Fair.    |
|         | 4     | 0  | 65              | 67             | 29.92   | 62          | SSW     | 1    | Fine.    |
| 29      | 7     | 0  | 68              | 56             | 29.99   | 61          | SW      | 1    | Cloudy.  |
|         | 4     | 0  | 69              | 69             | 29.98   | 66          | S       | 1    | Cloudy.  |
| 30      | 7     | 0  | 67              | 58             | 30.05   | 59          | SE      | 1    | Hazy.    |
|         | 4     | 0  | 62              | 61             | 30.18   | 54          | SW      | 1    | Cloudy.  |
| 31      | 7     | 0  | 66              | 61             | 30.17   | 52          | S       | 1    | Fine.    |
|         | 4     | 0  | 61              | 64             | 30.11   | 51          | W       | 1    | Fine.    |

Rain this Month 0, 22 Inches.

Rain in the night.

## METEOROLOGICAL JOURNAL

for September, 1815.

| 1815 | Time. |     | Therm. without. | Therm. within. | Barom.  | Hygrometer. | Winds.  |      | Weather. |
|------|-------|-----|-----------------|----------------|---------|-------------|---------|------|----------|
|      | H.    | M.  | °               | °              | Inches. |             | Points. | Str. |          |
| Sep. | 1     | 7 0 | 68              | 62             | 30.19   | 62          | E       | 1    | Cloudy.  |
|      |       | 3 0 | 61              | 69             | 30.19   | 66          | NE      | 1    | Fair.    |
|      | 2     | 7 0 | 65              | 59             | 29.99   | 65          | W       | 1    | Fine.    |
|      |       | 3 0 | 67              | 67             | 30.01   | 62          | SSW     | 1    | Fine.    |
|      | 3     | 7 0 | 66              | 63             | 30.03   | 64          | W       | 1    | Fine.    |
|      |       | 3 0 | 69              | 65             | 30.03   | 68          | NW      | 1    | Fair.    |
|      | 4     | 7 0 | 68              | 67             | 30.08   | 63          | E       | 1    | Cloudy.  |
|      |       | 3 0 | 65              | 64             | 30.01   | 58          | W       | 1    | Cloudy.  |
|      | 5     | 7 0 | 67              | 62             | 29.99   | 59          | NNW     | 1    | Cloudy.  |
|      |       | 3 0 | 60              | 63             | 29.98   | 64          | N       | 1    | Cloudy.  |
|      | 6     | 7 0 | 62              | 61             | 30.19   | 62          | NE      | 1    | Cloudy.  |
|      |       | 3 0 | 69              | 62             | 30.19   | 65          | W       | 1    | Fine.    |
|      | 7     | 7 0 | 65              | 65             | 30.18   | 69          | N       | 1    | Fair.    |
|      |       | 3 0 | 63              | 69             | 30.17   | 68          | NNW     | 1    | Fair.    |
|      | 8     | 7 0 | 61              | 64             | 30.17   | 63          | S       | 1    | Fine.    |
|      |       | 3 0 | 68              | 68             | 30.11   | 67          | SSE     | 1    | Cloudy.  |
|      | 9     | 7 0 | 67              | 63             | 30.19   | 69          | W       | 1, 2 | Fine.    |
|      |       | 3 0 | 64              | 61             | 30.19   | 67          | NWbW    | 1    | Fine.    |
|      | 10    | 7 0 | 66              | 68             | 30.19   | 68          | E       | 1    | Fine.    |
|      |       | 3 0 | 65              | 58             | 30.20   | 69          | N       | 1    | Cloudy.  |
|      | 11    | 7 0 | 69              | 54             | 30.20   | 62          | W       | 1    | Fine.    |
|      |       | 3 0 | 68              | 69             | 30.16   | 69          | E       | 1    | Cloudy.  |
|      | 12    | 7 0 | 54              | 59             | 30.17   | 68          | N       | 1    | Cloudy.  |
|      |       | 3 0 | 61              | 59             | 30.19   | 62          | W       | 1    | Cloudy.  |
|      | 13    | 7 0 | 69              | 68             | 29.99   | 67          | E       | 1    | Fine.    |
|      |       | 3 0 | 65              | 63             | 29.99   | 61          | N       | 1    | Fine.    |
|      | 14    | 7 0 | 68              | 64             | 29.88   | 65          | NW      | 1    | Fine.    |
|      |       | 3 0 | 63              | 66             | 29.89   | 69          | E       | 1    | Cloudy.  |
|      | 15    | 7 0 | 62              | 61             | 29.89   | 59          | N       | 1    | Cloudy.  |
|      |       | 3 0 | 69              | 69             | 29.81   | 58          | NE      | 1    | Cloudy.  |
|      | 16    | 7 0 | 69              | 59             | 29.83   | 56          | E       | 1    | Cloudy.  |
|      |       | 3 0 | 67              | 62             | 29.81   | 62          | NE      | 1    | Fair.    |

Rain this Month 0.776 Inches.

## METEOROLOGICAL JOURNAL

for September, 1815.

| 1815     | Time. |    | Therm. without. | Therm. within. | Barom.  | Hygrometer. | Winds.  |      | Weather. |
|----------|-------|----|-----------------|----------------|---------|-------------|---------|------|----------|
|          | H.    | M. | °               | °              | Inches. |             | Points. | Str. |          |
| Sept. 17 | 7     | 0  | 67              | 56             | 29.90   | 65          | W       | 1    | Cloudy.  |
|          | 3     | 0  | 63              | 69             | 29.99   | 69          | N       | 1    | Cloudy.  |
| 18       | 7     | 0  | 66              | 54             | 30.06   | 66          | NNE     | 1    | Cloudy.  |
|          | 3     | 0  | 65              | 68             | 30.19   | 63          | W       | 1    | Fair.    |
| 19       | 7     | 0  | 70              | 57             | 30.11   | 59          | S       | 1    | Fine.    |
|          | 3     | 0  | 62              | 69             | 30.13   | 57          | SW      | 1    | Fine.    |
| 20       | 7     | 0  | 68              | 59             | 29.98   | 60          | SSE     | 1    | Fine.    |
|          | 3     | 0  | 68              | 62             | 29.99   | 61          | N       | 1    | Fine.    |
| 21       | 7     | 0  | 66              | 58             | 29.98   | 63          | NE      | 1    | Cloudy.  |
|          | 3     | 0  | 67              | 66             | 29.97   | 62          | E       | 1    | Cloudy.  |
| 22       | 7     | 0  | 61              | 61             | 29.79   | 68          | W       | 1    | Cloudy.  |
|          | 3     | 0  | 63              | 62             | 29.77   | 69          | N       | 1    | Cloudy.  |
| 23       | 7     | 0  | 59              | 67             | 29.71   | 67          | NW      | 1    | Fair.    |
|          | 3     | 0  | 61              | 61             | 29.78   | 63          | NW      | 1    | Fair.    |
| 24       | 7     | 0  | 66              | 68             | 29.79   | 62          | NW      | 1    | Cloudy.  |
|          | 3     | 0  | 59              | 66             | 29.79   | 61          | W       | 1    | Cloudy.  |
| 25       | 7     | 0  | 68              | 64             | 29.81   | 68          | S       | 1    | Fine.    |
|          | 3     | 0  | 60              | 68             | 29.86   | 67          | SW      | 1    | Fine.    |
| 26       | 7     | 0  | 59              | 63             | 29.78   | 65          | NW      | 1    | Fine.    |
|          | 3     | 0  | 58              | 64             | 29.77   | 64          | NW      | 1    | Fine.    |
| 27       | 7     | 0  | 60              | 69             | 29.91   | 66          | NNE     | 1    | Fine.    |
|          | 3     | 0  | 63              | 62             | 29.98   | 63          | E       | 1    | Fair.    |
| 28       | 7     | 0  | 67              | 70             | 29.97   | 61*         | N       | 1    | Fair.    |
|          | 3     | 0  | 64              | 67             | 29.99   |             | S       | 1    | Cloudy.  |
| 29       | 7     | 0  | 66              | 66             | 29.49   |             | NW      | 1    | Cloudy.  |
|          | 3     | 0  | 62              | 63             | 29.49   |             | W       | 1    | Fine.    |
| 30       | 7     | 0  | 61              | 62             | 29.57   |             | WNW     | 1    | Cloudy.  |
|          | 3     | 0  | 63              | 65             | 29.59   |             | E       | 1    | Fine.    |

Rain this Month 0.776 Inches.

\* The Hygrometer was broken by the workmen employed in repairing the building.

## METEOROLOGICAL JOURNAL

for October, 1815.

| 1815   | Time. | Therm.<br>without. | Therm.<br>within. | Barom.  | Hy-<br>gro-<br>me-<br>ter.    | Winds.  |      | Weather.            |
|--------|-------|--------------------|-------------------|---------|-------------------------------|---------|------|---------------------|
|        | H. M. | °                  | °                 | Inches. |                               | Points. | Str. |                     |
| Oct. 1 | 7 0   | 59                 | 62                | 29,77   | Rain this Month 1,889 Inches. | W       | 1    | Fair.               |
|        | 3 0   | 63                 | 59                | 29,86   |                               | E       | 1    | Fair.               |
| 2      | 7 0   | 53                 | 49                | 30,16   |                               | S       | 1    | Fine, rather foggy. |
|        | 3 0   | 55                 | 52                | 30,19   |                               | N       | 1    | Cloudy.             |
| 3      | 7 0   | 57                 | 54                | 30,02   |                               | SE      | 1    | Cloudy.             |
|        | 3 0   | 57                 | 57                | 30,03   |                               | S       | 1    | Cloudy.             |
| 4      | 7 0   | 56                 | 53                | 30,03   |                               | S       | 1    | Fine.               |
|        | 3 0   | 59                 | 56                | 30,04   |                               | SE      | 1    | Fine.               |
| 5      | 7 0   | 57                 | 51                | 30,04   |                               | E       | 1    | Hazy.               |
|        | 3 0   | 60                 | 60                | 29,97   |                               | S       | 1    | Cloudy.             |
| 6      | 7 0   | 58                 | 60                | 29,89   |                               | SE      | 1    | Rain.               |
|        | 3 0   | 59                 | 60                | 30,05   |                               | E       | 1    | Cloudy.             |
| 7      | 7 0   | 49                 | 57                | 30,16   |                               | N       | 1    | Fine.               |
|        | 3 0   | 57                 | 62                | 30,18   |                               | NNE     | 1    | Fine.               |
| 8      | 7 0   | 51                 | 57                | 30,28   |                               | N       | 1    | Hazy.               |
|        | 3 0   | 54                 | 60                | 30,29   |                               | E       | 1    | Fine.               |
| 9      | 7 0   | 48                 | 56                | 30,28   |                               | E       | 1    | Fine.               |
|        | 3 0   | 52                 | 59                | 30,21   |                               | E       | 1    | Fine.               |
| 10     | 7 0   | 48                 | 56                | 30,11   |                               | E       | 1    | Fine.               |
|        | 3 0   | 53                 | 61                | 30,00   |                               | E       | 1    | Fine.               |
| 11     | 7 0   | 49                 | 56                | 29,82   |                               | E       | 1    | Cloudy.             |
|        | 3 0   | 52                 | 57                | 29,75   |                               | E       | 1    | Rain.               |
| 12     | 7 0   | 48                 | 55                | 29,70   |                               | NE      | 1    | Cloudy.             |
|        | 3 0   | 52                 | 57                | 29,71   |                               | NNW     | 1    | Cloudy.             |
| 13     | 7 0   | 47                 | 54                | 29,78   |                               | E       | 1    | Cloudy.             |
|        | 3 0   | 56                 | 59                | 29,80   |                               | SE      | 1    | Rain.               |
| 14     | 7 0   | 55                 | 56                | 29,72   |                               | W       | 1    | Fine.               |
|        | 3 0   | 55                 | 58                | 29,76   |                               | W       | 1    | Fine.               |
| 15     | 7 0   | 53                 | 57                | 29,80   |                               | W       | 1    | Fine.               |
|        | 3 0   | 57                 | 58                | 29,92   |                               | W       | 1    | Cloudy.             |
| 16     | 7 0   | 56                 | 58                | 29,86   |                               | WSW     | 1    | Fine.               |
|        | 3 0   | 59                 | 63                | 29,87   |                               | W       | 1    | Fine.               |

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for October, 1815.

| 1815    | Time. |    | Therm. without. | Therm. within. | Barom.  | Hygro-meter.                  | Winds.  |      | Weather.         |
|---------|-------|----|-----------------|----------------|---------|-------------------------------|---------|------|------------------|
|         | H.    | M. | °               | °              | Inches. |                               | Points. | Str. |                  |
| Oct. 17 | 7     | 0  | 52              | 59             | 29.82   | Rain this Month 1.889 Inches. | W       | 1    | Fair.            |
|         | 3     | 0  | 54              | 62             | 29.87   |                               | W       | 1    | Fair.            |
| 18      | 7     | 0  | 44              | 57             | 29.94   |                               | S       | 1    | Rain.            |
|         | 3     | 0  | 54              | 60             | 29.85   |                               | W       | 1    | Rain.            |
| 19      | 7     | 0  | 53              | 58             | 29.59   |                               | S       | 1    | Rain.            |
|         | 3     | 0  | 61              | 63             | 29.44   |                               | WSW     | 2,3  | Cloudy.          |
| 20      | 7     | 0  | 59              | 61             | 29.33   |                               | S       | 2    | Fine.            |
|         | 3     | 0  | 59              | 63             | 29.42   |                               | SW      | 1    | Fine.            |
| 21      | 7     | 0  | 53              | 60             | 29.54   |                               | WNW     | 1    | Fine.            |
|         | 3     | 0  | 56              | 63             | 29.65   |                               | NW      | 1    | Fine.            |
| 22      | 7     | 0  | 46              | 57             | 29.88   |                               | W       | 1    | Cloudy.          |
|         | 3     | 0  | 55              | 60             | 29.93   |                               | S       | 1    | Fine.            |
| 23      | 7     | 0  | 56              | 59             | 29.71   |                               | S       | 1    | Rain.            |
|         | 3     | 0  | 55              | 60             | 29.63   |                               | S       | 1    | Rain.            |
| 24      | 7     | 0  | 53              | 58             | 29.57   |                               | W       | 2    | Fine.            |
|         | 3     | 0  | 56              | 62             | 29.55   |                               | SW      | 1    | Fine.            |
| 25      | 7     | 0  | 49              | 58             | 29.53   |                               | S       | 1    | Fine.            |
|         | 3     | 0  | 54              | 62             | 29.45   |                               | SW      | 1    | Fine.            |
| 26      | 7     | 0  | 44              | 57             | 29.47   |                               | S       | 1    | Fine.            |
|         | 3     | 0  | 52              | 61             | 29.50   |                               | W       | 1    | Hazy.            |
| 27      | 7     | 0  | 47              | 57             | 29.53   |                               | N       | 1    | Rain.            |
|         | 3     | 0  | 49              | 58             | 29.52   |                               | E       | 1    | Hazy and cloudy. |
| 28      | 7     | 0  | 48              | 56             | 29.74   |                               | N       | 1    | Rain.            |
|         | 3     | 0  | 50              | 60             | 29.92   |                               | E       | 1    | Fine.            |
| 29      | 7     | 0  | 48              | 56             | 30.05   |                               | N       | 1    | Fair.            |
|         | 3     | 0  | 53              | 58             | 29.99   |                               | N       | 1    | Cloudy.          |
| 30      | 7     | 0  | 49              | 55             | 29.91   |                               | NW      | 1    | Fine.            |
|         | 3     | 0  | 50              | 57             | 29.92   |                               | N       | 1    | Cloudy.          |
| 31      | 7     | 0  | 46              | 55             | 29.99   |                               | N       | 1    | Fine.            |
|         | 3     | 0  | 48              | 58             | 30.03   |                               | E       | 1    | Fine.            |

## METEOROLOGICAL JOURNAL

for November, 1815.

| 1815 | Time. |     | Therm. without. | Therm. within. | Barom.  | Hygrometer.                   | Winds.  |      | Weather.         |
|------|-------|-----|-----------------|----------------|---------|-------------------------------|---------|------|------------------|
|      | H.    | M.  | °               | °              | Inches. |                               | Points. | Str. |                  |
| Nov. | 1     | 8 0 | 43              | 54             | 30.03   | Rain this Month 1.336 Inches. | W       | 1    | Cloudy and hazy. |
|      |       | 3 0 | 48              | 57             | 30.04   |                               | NE      | 1    | Cloudy.          |
|      | 2     | 8 0 | 45              | 53             | 30.03   |                               | W       | 1    | Hazy.            |
|      |       | 3 0 | 46              | 55             | 30.20   |                               | NW      | 1    | Hazy.            |
|      | 3     | 8 0 | 39              | 51             | 30.28   |                               | N       | 1    | Fine.            |
|      |       | 3 0 | 45              | 48             | 30.34   |                               | NW      | 1    | Cloudy.          |
|      | 4     | 8 0 | 36              | 48             | 30.49   |                               | W       | 1    | Foggy.           |
|      |       | 3 0 | 43              | 50             | 30.37   |                               | W       | 1    | Fine.            |
|      | 5     | 8 0 | 43              | 49             | 30.32   |                               | W       | 1    | Cloudy.          |
|      |       | 3 0 | 48              | 51             | 30.28   |                               | W       | 1    | Cloudy.          |
|      | 6     | 8 0 | 44              | 49             | 30.24   |                               | W       | 1    | Cloudy.          |
|      |       | 3 0 | 50              | 50             | 30.19   |                               | W       | 1    | Cloudy.          |
|      | 7     | 8 0 | 49              | 51             | 30.13   |                               | W       | 1    | Rain.            |
|      |       | 3 0 | 48              | 52             | 30.12   |                               | NW      | 1    | Fine.            |
|      | 8     | 8 0 | 42              | 50             | 30.10   |                               | W       | 1    | Rain.            |
|      |       | 3 0 | 50              | 55             | 30.03   |                               | W       | 1    | Cloudy.          |
|      | 9     | 8 0 | 52              | 54             | 29.83   |                               | W       | 1    | Rain.            |
|      |       | 3 0 | 54              | 58             | 29.93   |                               | W       | 1    | Cloudy.          |
|      | 10    | 8 0 | 49              | 56             | 30.11   |                               | W       | 1    | Cloudy.          |
|      |       | 3 0 | 54              | 58             | 30.15   |                               | W       | 1    | Cloudy.          |
|      | 11    | 8 0 | 50              | 56             | 30.17   |                               | W       | 1    | Cloudy.          |
|      |       | 3 0 | 53              | 58             | 30.11   |                               | W       | 1    | Cloudy.          |
|      | 12    | 8 0 | 51              | 56             | 29.96   |                               | W       | 1    | Cloudy.          |
|      |       | 3 0 | 54              | 57             | 29.84   |                               | SW      | 1    | Cloudy.          |
|      | 13    | 8 0 | 48              | 56             | 29.06   |                               | SW      | 2    | Rain.            |
|      |       | 3 0 | 45              | 58             | 29.05   |                               | W       | 2    | Fine.            |
|      | 14    | 8 0 | 39              | 52             | 29.14   |                               | W       | 1    | Fine.            |
|      |       | 3 0 | 45              | 57             | 29.15   |                               | W       | 1    | Fine.            |
|      | 15    | 8 0 | 39              | 52             | 29.06   |                               | N       | 1    | Cloudy.          |
|      |       | 3 0 | 42              | 55             | 29.17   |                               | N       | 1    | Fine.            |
|      | 16    | 8 0 | 36              | 51             | 29.33   |                               | NW      | 1    | Cloudy.          |
|      |       | 3 0 | 38              | 53             | 29.48   |                               | W       | 1    | Fair.            |

## METEOROLOGICAL JOURNAL

for November, 1815.

| 1815    | Time. |    | Therm.<br>without. | Therm.<br>within. | Barom.  | Hy-<br>gro-<br>me-<br>ter. | Winds.  |      | Weather.        |
|---------|-------|----|--------------------|-------------------|---------|----------------------------|---------|------|-----------------|
|         | H.    | M. | °                  | °                 | Inches. |                            | Points. | Str. |                 |
| Nov. 17 | 8     | 0  | 31                 | 49                | 29.55   | 0                          | W       | 1    | Foggy.          |
|         | 3     | 0  | 38                 | 53                | 29.70   |                            | NW      | 1    | Fine.           |
| 18      | 8     | 0  | 30                 | 48                | 29.94   |                            | W       | 1    | Cloudy.         |
|         | 3     | 0  | 38                 | 52                | 30.02   |                            | W       | 1    | Fine.           |
| 19      | 8     | 0  | 29                 | 46                | 30.09   |                            | W       | 1    | Fine.           |
|         | 3     | 0  | 35                 | 45                | 30.09   |                            | N       | 1    | Cloudy.         |
| 20      | 8     | 0  | 34                 | 44                | 29.77   |                            | N       | 1    | Fine.           |
|         | 3     | 0  | 40                 | 48                | 29.68   |                            | NE      | 1    | Fine.           |
| 21      | 8     | 0  | 35                 | 46                | 29.67   |                            | N       | 1    | Fine.           |
|         | 3     | 0  | 42                 | 48                | 29.69   |                            | N       | 1    | Cloudy.         |
| 22      | 8     | 0  | 32                 | 46                | 29.83   |                            | N       | 1    | Cloudy.         |
|         | 3     | 0  | 36                 | 50                | 29.89   |                            | N       | 1    | Cloudy.         |
| 23      | 8     | 0  | 32                 | 45                | 30.14   |                            | N       | 1    | Fine.           |
|         | 3     | 0  | 40                 | 50                | 30.18   |                            | N       | 1    | Fair.           |
| 24      | 8     | 0  | 34                 | 47                | 30.21   |                            | N       | 1    | Hazy.           |
|         | 3     | 0  | 41                 | 49                | 30.38   |                            | NE      | 1    | Rain.           |
| 25      | 8     | 0  | 37                 | 47                | 30.49   |                            | N       | 1    | Foggy.          |
|         | 3     | 0  | 43                 | 47                | 30.61   |                            | NE      | 1    | Hazy.           |
| 26      | 8     | 0  | 37                 | 46                | 30.61   |                            | N       | 1    | Foggy.          |
|         | 3     | 0  | 42                 | 45                | 30.50   |                            | NE      | 1    | Thick and hazy. |
| 27      | 8     | 0  | 36                 | 46                | 30.36   |                            | NE      | 1    | Thick and hazy. |
|         | 3     | 0  | 37                 | 48                | 30.27   |                            | E       | 1    | Fine.           |
| 28      | 8     | 0  | 33                 | 46                | 30.00   |                            | N       | 1    | Thick and hazy. |
|         | 3     | 0  | 35                 | 47                | 30.07   |                            | NW      | 1    | Cloudy.         |
| 29      | 8     | 0  | 29                 | 45                | 30.05   |                            | W       | 1    | Hazy.           |
|         | 3     | 0  | 32                 | 45                | 30.00   |                            | S       | 1    | Cloudy.         |
| 30      | 8     | 0  | 37                 | 45                | 29.93   |                            | ESE     | 1    | Rain.           |
|         | 3     | 0  | 40                 | 48                | 29.90   |                            | S       | 1    | Rain.           |

Rain this Month 1.336 Inches.



## METEOROLOGICAL JOURNAL

for December, 1815.

| 1815   | Time. |   | Therm. without. | Therm. within. | Barom.  | Hygro-<br>me-<br>ter. | Winds.  |      | Weather.           |
|--------|-------|---|-----------------|----------------|---------|-----------------------|---------|------|--------------------|
|        | H. M. |   | °               | °              | Inches. |                       | Points. | Str. |                    |
| De . 1 | 8     | 0 | 48              | 49             | 29.81   | 0                     | S       | 1    | Rain.              |
|        | 3     | 0 | 48              | 53             | 29.91   |                       | W       | 2    | Cloudy.            |
| 2      | 8     | 0 | 46              | 52             | 30.11   |                       | W       | 1    | Fine.              |
|        | 3     | 0 | 48              | 54             | 30.13   |                       | W       | 1    | Cloudy.            |
| 3      | 8     | 0 | 47              | 51             | 30.03   |                       | S       | 1    | Cloudy.            |
|        | 3     | 0 | 48              | 51             | 30.00   |                       | W       | 1    | Fine.              |
| 4      | 8     | 0 | 44              | 50             | 29.79   |                       | S       | 1    | Rain.              |
|        | 3     | 0 | 43              | 52             | 29.78   |                       | W       | 1    | Fine.              |
| 5      | 8     | 0 | 39              | 50             | 29.96   |                       | W       | 1    | Cloudy and hazy.   |
|        | 3     | 0 | 42              | 52             | 29.72   |                       | W       | 1    | Rain.              |
| 6      | 8     | 0 | 39              | 50             | 29.39   |                       | W       | 1    | Fine.              |
|        | 3     | 0 | 43              | 53             | 29.38   |                       | NW      | 1    | Cloudy.            |
| 7      | 8     | 0 | 37              | 49             | 29.78   |                       | E       | 1    | Cloudy.            |
|        | 3     | 0 | 35              | 50             | 29.94   |                       | N       | 2    | Cloudy             |
| 8      | 8     | 0 | 27              | 46             | 30.00   |                       | N       | 1    | Fine.              |
|        | 3     | 0 | 31              | 50             | 30.00   |                       | N       | 1    | Fair.              |
| 9      | 8     | 0 | 26              | 44             | 30.07   |                       | N       | 1    | Fine.              |
|        | 3     | 0 | 32              | 48             | 30.14   |                       | N       | 1    | Fine               |
| 10     | 8     | 0 | 32              | 43             | 30.37   |                       | NNE     | 1    | Cloudy.            |
|        | 3     | 0 | 36              | 44             | 30.38   |                       | N       | 1    | Cloudy.            |
| 11     | 8     | 0 | 34              | 42             | 30.38   |                       | N       | 1    | Cloudy and hazy.   |
|        | 3     | 0 | 37              | 45             | 30.40   |                       | W       | 1    | Cloudy.            |
| 12     | 8     | 0 | 36              | 44             | 30.27   |                       | N       | 1    | Fine, rather hazy. |
|        | 3     | 0 | 38              | 48             | 30.40   |                       | W       | 1    | Cloudy.            |
| 13     | 8     | 0 | 37              | 44             | 30.29   |                       | W       | 1    | Cloudy.            |
|        | 3     | 0 | 43              | 49             | 30.22   |                       | W       | 1    | Rain.              |
| 14     | 8     | 0 | 32              | 49             | 30.32   |                       | W       | 1    | Fine.              |
|        | 3     | 0 | 38              | 49             | 30.29   |                       | W       | 1    | Fine.              |
| 15     | 8     | 0 | 45              | 48             | 29.83   |                       | W       | 2    | Cloudy.            |
|        | 3     | 0 | 46              | 52             | 29.74   |                       | W       | 1    | Cloudy.            |
| 16     | 8     | 0 | 44              | 50             | 29.04   |                       | W       | 1    | Cloudy.            |
|        | 3     | 0 | 42              | 52             | 29.05   |                       | W       | 1    | Fine.              |

Rain this Month 0.650 Inches.

## METEOROLOGICAL JOURNAL

for December, 1815.

| 1815    | Time. |    | Therm. without. | Therm. within. | Barom.  | Hy-gro-meter. |         |      | Weather.           |
|---------|-------|----|-----------------|----------------|---------|---------------|---------|------|--------------------|
|         | H.    | M. | °               | °              | Inches. |               | Points. | Str. |                    |
| Dec. 17 | 8     | 0  | 34              | 45             | 28,95   | °             | W       | 1    | Cloudy.            |
|         | 3     | 0  | 36              | 47             | 29,08   |               | WN W    | 2    | Cloudy.            |
| 18      | 8     | 0  | 29              | 43             | 29,39   |               | W       | 1    | Hazy.              |
|         | 3     | 0  | 37              | 49             | 29,39   |               | W       | 1    | Fair.              |
| 19      | 8     | 0  | 28              | 44             | 29,59   |               | W       | 1    | Fine.              |
|         | 3     | 0  | 33              | 47             | 29,58   |               | SSE     | 1    | Snow.              |
| 20      | 8     | 0  | 44              | 46             | 29,19   |               | S       | 2    | Rain.              |
|         | 3     | 0  | 43              | 49             | 28,98   |               | W       | 2,3  | Rain.              |
| 21      | 8     | 0  | 37              | 46             | 29,32   |               | W       | 1    | Cloudy.            |
|         | 3     | 0  | 38              | 49             | 29,45   |               | N       | 1    | Rain.              |
| 22      | 8     | 0  | 37              | 41             | 29,60   |               | W       | 1    | Fine, rather hazy. |
|         | 3     | 0  | 37              | 50             | 29,67   |               | W       | 1    | Cloudy.            |
| 23      | 8     | 0  | 32              | 46             | 29,76   |               | W       | 1    | Cloudy.            |
|         | 3     | 0  | 40              | 49             | 29,53   |               | W       | 1    | Cloudy.            |
| 24      | 8     | 0  | 41              | 47             | 29,35   |               | W       | 1    | Fine.              |
|         | 3     | 0  | 42              | 48             | 29,33   |               | W       | 1    | Fine.              |
| 25      | 8     | 0  | 33              | 44             | 29,53   |               | W       | 1    | Hazy.              |
|         | 3     | 0  | 34              | 49             | 29,76   |               | SE      | 1    | Cloudy.            |
| 26      | 8     | 0  | 38              | 42             | 29,59   |               | S       | 1    | Cloudy.            |
|         | 3     | 0  | 43              | 46             | 29,30   |               | SW      | 2,3  | Rain.              |
| 27      | 8     | 0  | 40              | 45             | 29,02   |               | N       | 1    | Cloudy.            |
|         | 3     | 0  | 34              | 48             | 29,46   |               | N       | 1,2  | Fine.              |
| 28      | 8     | 0  | 33              | 44             | 29,91   |               | S       | 1    | Snow.              |
|         | 3     | 0  | 42              | 47             | 29,84   |               | W       | 1    | Rain.              |
| 29      | 8     | 0  | 46              | 47             | 29,95   |               | W       | 1    | Cloudy.            |
|         | 3     | 0  | 48              | 50             | 29,98   |               | W       | 1    | Cloudy.            |
| 30      | 8     | 0  | 42              | 48             | 30,15   |               | W       | 1    | Fine.              |
|         | 3     | 0  | 44              | 50             | 30,39   |               | NW      | 1    | Fine.              |
| 31      | 8     | 0  | 33              | 46             | 30,54   |               | W       | 1    | Fine.              |
|         | 3     | 0  | 39              | 47             | 30,52   |               | W       | 1    | Cloudy.            |

Rain, this Month 0,861 Inches.

| 1815.      | Thermometer without. |               |              | Thermometer within. |               |              | Barometer.*      |               |              | Hygrometer.      |               |              | Rain.†  |
|------------|----------------------|---------------|--------------|---------------------|---------------|--------------|------------------|---------------|--------------|------------------|---------------|--------------|---------|
|            | Greatest height.     | Least height. | Mean height. | Greatest height.    | Least height. | Mean height. | Greatest height. | Least height. | Mean height. | Greatest height. | Least height. | Mean height. |         |
|            | Deg.                 | Deg.          | Deg.         | Deg.                | Deg.          | Deg.         | Inches.          | Inches.       | Inches.      | Deg.             | Deg.          | Deg.         | Inches. |
| January    | 45                   | 22            | 34.0         | 50                  | 39            | 45.0         | 30.47            | 28.94         | 29.55        | 78               | 62            | 71.7         | 0.435   |
| February   | 54                   | 36            | 43.6         | 58                  | 48            | 54.2         | 30.51            | 29.38         | 29.81        | 79               | 63            | 73.3         | 0.675   |
| March      | 63                   | 34            | 47.6         | 63                  | 48            | 55.1         | 30.30            | 28.90         | 29.75        | 79               | 58            | 70.2         | 1.325   |
| April      | 63                   | 40            | 49.4         | 67                  | 50            | 55.6         | 30.60            | 28.78         | 29.66        | 79               | 55            | 67.0         | 1.660   |
| May        | 68                   | 50            | 58.2         | 69                  | 55            | 60.4         | 30.33            | 29.62         | 29.74        | 75               | 56            | 65.4         | 0.667   |
| June       | 70                   | 52            | 61.6         | 70                  | 57            | 63.2         | 30.29            | 29.30         | 29.84        | 74               | 50            | 61.6         | 1.752   |
| July       | 72                   | 55            | 62.9         | 74                  | 54            | 65.0         | 30.21            | 29.62         | 30.03        | 67               | 48            | 57.8         | 1.581   |
| August     | 69                   | 52            | 63.5         | 69                  | 52            | 63.0         | 30.27            | 29.56         | 29.94        | 70               | 51            | 63.9         | 0.222   |
| September  | 70                   | 54            | 64.7         | 70                  | 54            | 63.6         | 30.20            | 29.49         | 29.97        | 69               | 56            | 61.8         | 0.776   |
| October    | 63                   | 44            | 53.2         | 63                  | 49            | 59.0         | 30.29            | 29.33         | 30.33        | —                | —             | —            | 1.889   |
| November   | 54                   | 29            | 41.2         | 58                  | 44            | 50.5         | 30.61            | 29.05         | 29.97        | —                | —             | —            | 1.336   |
| December   | 48                   | 26            | 38.7         | 54                  | 41            | 47.8         | 30.54            | 28.95         | 29.79        | —                | —             | —            | 0.650   |
| Whole year |                      |               | 51.6         |                     |               | 56.9         |                  |               | 29.86        |                  |               |              | 12.968  |

\* The quicksilver in the basin of the barometer, is 81 feet above the level of low water spring tides at Somerset-house.

† The Society's Rain Gage is 114 feet above the same level, and 75 feet 6 inches above the surrounding ground.

Mean Variation of the Magnetic Needle, June, 1815, 24° 17' 50" West.